

WHAT IS CLAIMED IS:

1. A mobile radio communication apparatus comprising:
a first housing;
5 a second housing foldable over said first housing; and
a hinge part that foldably connects said second housing to said first
housing around a rotational center axis,

wherein said hinge part includes:

a one touch opening part that automatically opens said second housing
10 from a folded state by a first angle relative to said first housing around the rotational
center axis in a non-stop motion;

an auxiliary rotational part that rotates said second housing around an
orthogonal shaft orthogonal to the rotational center axis of said hinge part; and

an opening permission section that allows said second housing to open
15 at an angle greater than the first angle relative to said first housing.

2. A mobile radio communication apparatus according to claim 1, wherein
said opening permission section allows said second housing to open at an angle greater
than the first angle relative to said first housing, when a rotation moment applied to
20 said second housing in an opening direction is equal to or greater than a predetermined
rotation moment.

3. A mobile radio communication apparatus according to claim 1, wherein
said opening permission section does not allow said second housing to open at an
25 angle greater than the first angle relative to said first housing, when a rotation moment

applied to said second housing in an opening direction is smaller than a predetermined rotation moment.

4. A mobile radio communication apparatus according to claim 1, wherein
5 said opening permission section resets an angle between said first and second housings to the first angle, when a rotation moment applied to said second housing in an opening direction changes from a value equal to or greater than a predetermined rotation moment to a value smaller than the predetermined rotation moment.

10 5. A mobile radio communication apparatus according to claim 1, wherein when said opening permission section allows opening, only said second housing rotates relative to said first housing by the angle greater than the first angle.

6. A mobile radio communication apparatus according to claim 1, wherein
15 when said opening permission section allows opening, both said second housing and said hinge part rotate relative to said first housing by the angle greater than the first angle.

7. A mobile radio communication apparatus according to claim 1, wherein
20 said opening permission section is a stopper provided on said first housing, said stopper supporting a rear surface of said second housing.

8. A mobile radio communication apparatus according to claim 1, wherein
the stopper elastically deforms, and allows said second housing to open at an angle
25 greater than the first angle relative to said first housing.

9. A mobile radio communication apparatus according to claim 1, wherein the stopper rotates around a rotational axis parallel to the rotational center axis, and allows said second housing to open at an angle greater than the first angle relative to said first housing.

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10. A mobile radio communication apparatus according to claim 1, wherein said opening permission section includes a cam member provided on said hinge part.

11. A mobile radio communication apparatus according to claim 10,
10 wherein said cam member is one of a ball cam and an angled cam.

12. A mobile radio communication apparatus according to claim 1, wherein said hinge part includes a free stop part that maintains said second housing at a second angle different from the first angle relative to said first housing.

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13. A mobile radio communication apparatus according to claim 1, wherein said free stop part does not work while said second housing that has been opened by said one touch opening part is being folded.

20 14. A mobile radio communication apparatus according to claim 9, wherein said free stop part works while said second housing that has been opened by said one touch opening part is being folded.

25 15. A mobile radio communication apparatus according to claim 1, wherein said hinge part further includes a damper part that brakes an opening action of said second housing by said one touch opening part.

16. A mobile radio communication apparatus according to claim 15,
wherein said damper part brakes said second housing when said second housing forms
a third angle or larger relative to said first housing.

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17. A hinge part that foldably connects a first housing, said hinge part
comprising:

a one touch opening part that automatically opens the second housing
from a folded state by a first angle relative to the first housing around the rotational
center axis in a non-stop motion;

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an auxiliary rotational part that rotates the second housing around an
orthogonal shaft orthogonal to the rotational center axis of said one touch opening
part; and

an opening permission section that allows said second housing to open
at an angle greater than the first angle relative to said first housing.

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